

WHAT IS CLAIMED IS:

1. **(Currently Amended).** An ophthalmic device comprising a polymer and at least one silver releasing compound in a concentration sufficient to provide ionized silver in an initial concentration of ~~at least about 10 ppm~~ between about 50 and about 3,000 ppm, wherein said ophthalmic device has a haze of less than about 200% and said silver releases from said ophthalmic device during use at rate with a rate constant, calculated using a first order kinetics equation, of up to about 1 days⁻¹.
2. **(Original)** The ophthalmic device of claim 1 wherein said rate constant is between about 0.001 and about 0.5 days⁻¹.
3. **(Original)** The ophthalmic device of claim 1 wherein said rate constant is between about 0.01 and about 0.3 days⁻¹.
4. **(Original)** The ophthalmic device of claim 1 wherein said rate constant is between about 0.001 and about 0.2 days⁻¹.

Claims 5-7 **(Canceled)**.

8. **(Original)** The ophthalmic device of claim 1 wherein said initial silver concentration and rate constant are sufficient to provide an at least about 50% reduction in microbial activity over said device's use.
9. **(Original)** The ophthalmic device of claim 1 wherein said ophthalmic device is a contact lens.
10. **(Original)** The contact lens of claim 9 wherein said initial silver concentration and rate constant are maintained below amounts which would cause argyria.

11. **(Original)** The contact lens of claim 9 wherein after about a day said silver releases from said ophthalmic device during use at a rate with a rate constant, calculated using a first order kinetics equation of up to about 1 day^{-1} .
12. **(Original)** The contact lens of claim 9 is substantially free from visible haze.
13. **(Original)** The contact lens of claim 9 having less than 150% haze.
14. **(Original)** The contact lens of claim 9 having less than 100% haze.
15. **(Original)** The ophthalmic device of claim 1 wherein said polymer further comprises a ligand to which said silver is releasably bound.
16. **(Original)** The ophthalmic device of claim 1 wherein said ophthalmic device is a contact lens and said initial silver concentration and rate constant are sufficient to provide an at least about 50% reduction in microbial activity over said device's use.
17. **(Original)** The contact lens of claim 9 wherein said use is continuous wear for at least 14 days.
18. **(Original)** The contact lens of claim 9 wherein said use is continuous wear for at least 30 days.
19. **(Original)** The contact lens of claim 9 wherein said silver releases from said contact lens during use in an amount sufficient to provide at least a 70% reduction in bacterial activity over said use.
20. **(Original)** The contact lens of claim 9 wherein said silver releases from said contact lens during use in an amount sufficient to provide at least a 90% reduction in bacterial activity over said use.

21. **(Original)** The ophthalmic device of claim 1 wherein said silver releasing compound has a molar solubility of silver ion in pure water of about 25°C of about 2.0×10^{-30} moles/L to about 2 moles/L.
22. **(Original)** The ophthalmic device of claim 1 wherein said silver releasing compound has a molar solubility of silver ion in pure water of greater than about 2.0×10^{-17} moles/L.
23. **(Original)** The contact lens of claim 9 wherein said polymer comprises a silicone hydrogel.
24. **(Currently Amended)** The contact lens of claim 923 wherein said silicone hydrogel is selected from the group consisting of senofilcon A, galyfilcon A, lotrafilcon A and balafilcon A.
25. **(Original)** The ophthalmic device of claim 1 wherein said polymer is formed from a reaction mixture comprising at least one silicone-containing component.
26. **(Currently Amended)** The ophthalmic device of claim 425 wherein said reaction mixture further comprises at least one hydrophilic component.
27. **(Original)** The ophthalmic device of claim 1 wherein said ophthalmic device is coated.
28. **(Original)** The contact lens of claim 9 wherein said polymer is formed from a reaction mixture comprising at least one silicone-containing component.
29. **(Currently Amended)** The contact lens of claim 928 wherein said reaction mixture further comprises at least one hydrophilic component.
30. **(Original)** The contact lens of claim 9 wherein said ophthalmic device is coated.
31. **(Original)** The contact lens of claim 9, wherein said lens displays a reduction in microbial colonization of at least about 2 log after two days.

32. **(Original)** The contact lens of claim 9, wherein said lens displays a reduction in microbial colonization of at least about 1 log after two days.

33. **(Original)** The contact lens of claim 9, wherein said lens displays a reduction in microbial colonization of at least about 2 log after 10 days.

34. **(Original)** The contact lens of claim 9, wherein said lens displays a reduction in microbial colonization of at least about 1 log after 10 days.

35. **(Currently Amended).** The contact lens of claim 9, wherein said lens displays a reduction in microbial colonization of at least about .05 log after 30 days.